

HIGH-FREQUENCY SWITCH MODULE

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- European:

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Abstract of JP2002064401

PROBLEM TO BE SOLVED: To provide a high-frequency switch module which is reduced in insertion loss and improved in receiving sensitivity in receiving. SOLUTION: A high-frequency switch module has a structure in which a first switching element is disposed between a transmission circuit and an antenna, a transmission line is disposed between the antenna and a receiving circuit, the end of the transmission line on the receiving circuit side is grounded through the intermediary of a second switching element, and a filter circuit is arranged between the antenna and the connecting point between the first switching element and the transmission line. The high-frequency switch module switches the signal path of high-frequency signals from one to another by the use of the first and second switching element, and the characteristic impedance of the transmission line is set at 30 to 45 Ω.

